

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Canceled).

Claim 7 (Previously Presented) An imaging apparatus comprising:

a plurality of photoelectric transfer devices arranged in matrix-shape to detect a light irradiated to each photoelectric transfer device and transfer the light into an electric signal;

a lens apparatus configured to direct an image of a subject onto a surface of the imaging device, the lens apparatus directing at least three images of the subject onto at least three different areas of the surface of the imaging device; and

an electric signal processor configured to interleave the at least three images of the subject to form an integrated image of the subject.

Claim 8 (Canceled).

Claim 9 (Previously Presented) The imaging apparatus of Claim 7, wherein the electric signal processor is configured to interleave pixels of corresponding position of the at least three images of the subject.